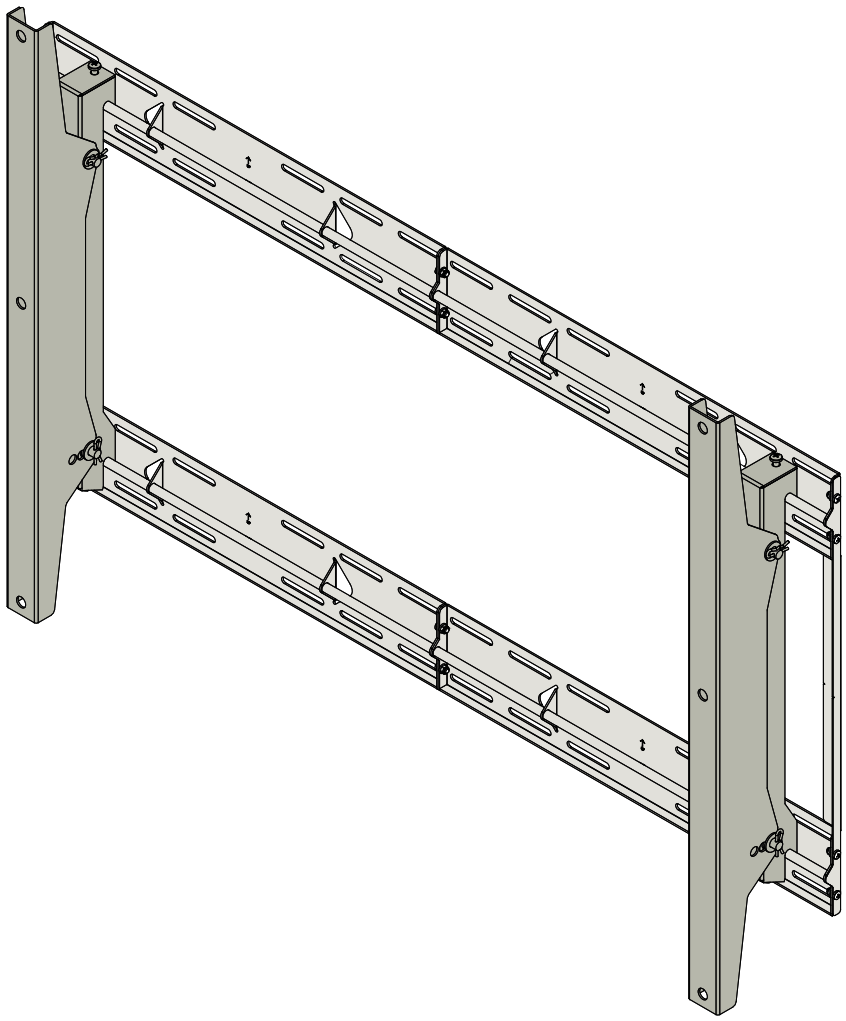
PREMIER MOUNTS®

INSTALLATION INSTRUCTIONS



Premier Mounts Tilting Wall Mount

Model: TWM-085

For use with Panasonic 85″ Flat Panel

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9531-027-001-00

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Weight Limit

Maximum Flat Panel Weight: **300 lbs.**

THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING AT LEAST FIVE TIMES THE WEIGHT OF THE FLAT PANEL AND MOUNT. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED.

Warning Statements

INSTALL THE FLAT PANEL ACCORDING TO THE INSTRUCTIONS PROVIDED BY THE FLAT PANEL MANUFACTURER. PERFORM ALL STRUCTURAL REINFORCEMENTS BEFORE ATTACHING THE FLAT PANEL TO THE WALL. USE THE APPROPRIATE LIFTING DEVICE WHEN LIFTING THE FLAT PANEL INTO PLACE.

PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS SHOULD BE READ AND COMPLETELY UNDERSTOOD. THE INSTALLATION INSTRUCTIONS MUST BE READ TO PREVENT PERSONAL INJURY AND PROPERTY DAMAGE. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.

PREMIER MOUNTS DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY PREMIER MOUNTS PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.

THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING 1200LBS. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY QUALIFIED SERVICE TECHNICIANS, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH.

SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE INSTALLATION OF THIS PRODUCT. USE PROPER SAFETY GEAR AND TOOLS FOR THE INSTALLATION PROCEDURE TO PREVENT PERSONAL INJURY.

THIS MOUNT IS NOT RECOMMENDED FOR USE WITH STEEL STUD WALL STRUCTURES THAT ARE LESS THAN 10 GAUGE IN THICKNESS ON THE PROPOSED INSTALLATION WALL.

At least two qualified people should perform the assembly procedure. Personal injury and/or property damage can result from dropping or mishandling the flat panel.

If mounting to wall studs or ceiling studs, make sure that the mounting screws are anchored into the center of the wall studs or ceiling studs. Use of an edge-to-edge stud finder is recommended.

It is recommended that a maximum of ⅝″ plaster board be used when mounting to wooden studs.

Be aware of the mounting environment. If drilling and/or cutting into the mounting surface, always make sure that there are no electrical wires in wall. Cutting or drilling into an electrical line may cause serious personal injury.

Make sure there are no water or natural gas lines inside the wall where the mount is to be located. Cutting or drilling into a water or gas line may cause severe property damage or personal injury.

This product is intended for indoor use only. Use of this product outdoors could lead to product failure and/or serious personal injury.

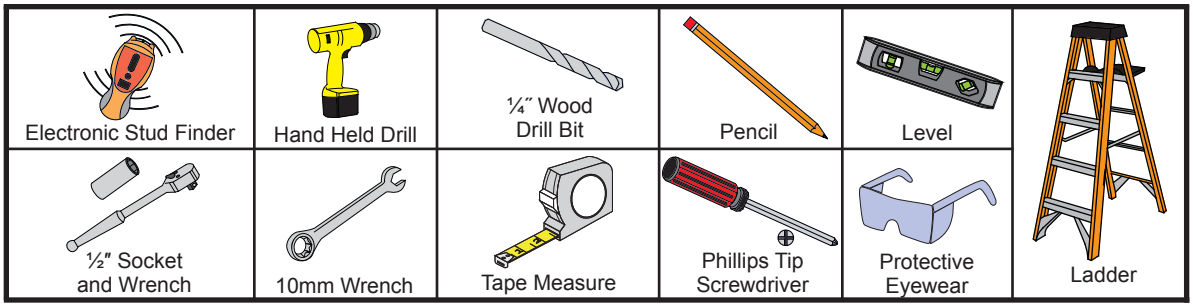
Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.

In the interest of safety, it is recommended that two to three people, with the aid of an appropriate assisted lifting device, perform this installation. Injury and/or damage can result from dropping or mishandling the flat panel.

Contact Premier Mounts with any questions:
(800) 368-9700
techsupport@mounts.com

Installation Tools

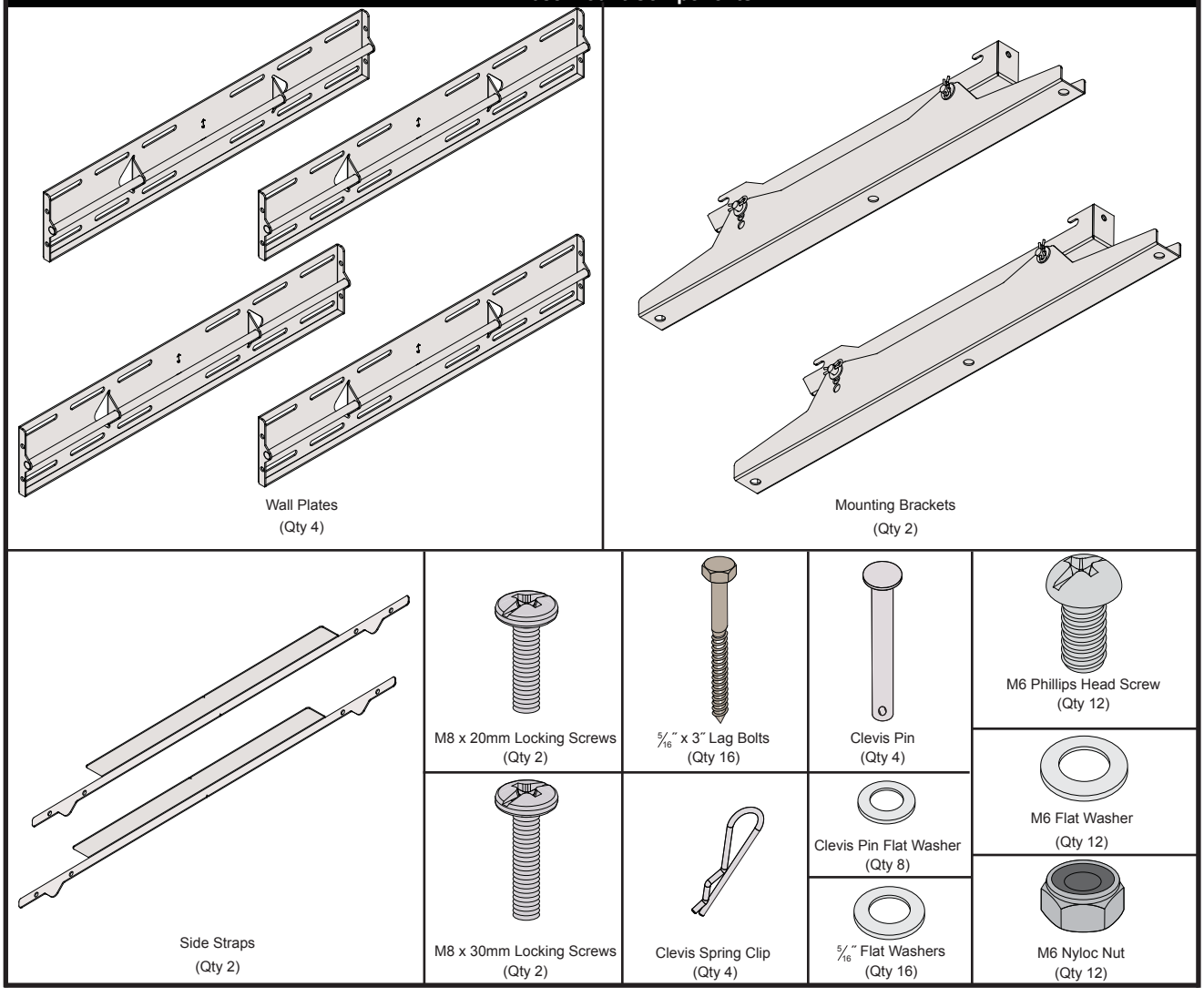
The following tools may be required, dependent upon your particular installation. These tools are not provided by Premier Mounts, but you can purchase them at your local hardware store.



Parts List

Your Premier Mounts product is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Premier Mounts (800) 368-9700.

TWM-085 Mount Components



Wall Plate Placement

Ease of Installation

Premier Mounts has designed this mount with installer ease-of-installation in mind.

Tilt/Flat Display Orientation

With the TWM-085, you can mount your flat panel parallel to the wall, or at an angle using the variable tilt feature on the TWM-085.

Lateral Shift

Centering the flat panel has never been easier. The TWM-085 features ±3″ of lateral shift. This feature allows you to slide the flat panel left or right to adjust the final viewing position of the flat panel.

THE WALL STRUCTURE MUST BE CAPABLE OF SUPPORTING 1200 LBS. IF NOT, THE WALL STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY QUALIFIED SERVICE TECHNICIANS, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH. USE SUITABLE CONCRETE ANCHORS FOR 3000 PSI POURED CONCRETE WALLS.

FOLLOW THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER WHEN LIFTING THE FLAT PANEL. PERFORM ALL STRUCTURAL REINFORCEMENTS BEFORE ATTACHING THE FLAT PANEL TO THE WALL. USE THE APPROPRIATE LIFTING DEVICE WHEN INSTALLING THE FLAT PANEL.

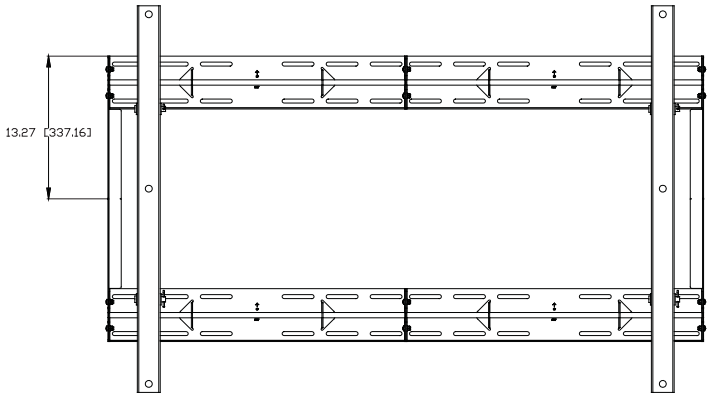
Placement of Flat Panel

1. Determine and mark where the ideal viewing center of the flat panel will be located on the wall.
2. Measure up 13.27″ (337mm) and mark this location with a pencil.

STUD CENTER SPACING

16″ to 18″ - A total of four (4) studs will be used, which means that you will have a total sixteen (16) mounting points. Eight (8) will be used for the upper wall plate and eight (8) will be used for the lower wall plate.

24″ - A total of three (3) studs will be used, which means that you will have a total twelve (12) mounting points. Six (6) will be used for the upper will plate and six (6) will be used for the lower wall plate.



Assembling the Wall Plates

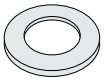
Preparing the Wall Plates

Step 1

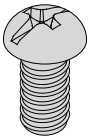
For ease of installation, it is strongly recommended to assemble the wall plates prior to installing them on a mounting surface.

1. Remove the wall plates from the packaging.
2. Locate four (4) M6 Phillips head screws, four (4) M6 flat washers and four (4) M6 Nyloc nuts from the hardware pack.

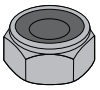
This hardware will be used to connect the two wall plates together.



M6 Flat Washer
(Qty 4)



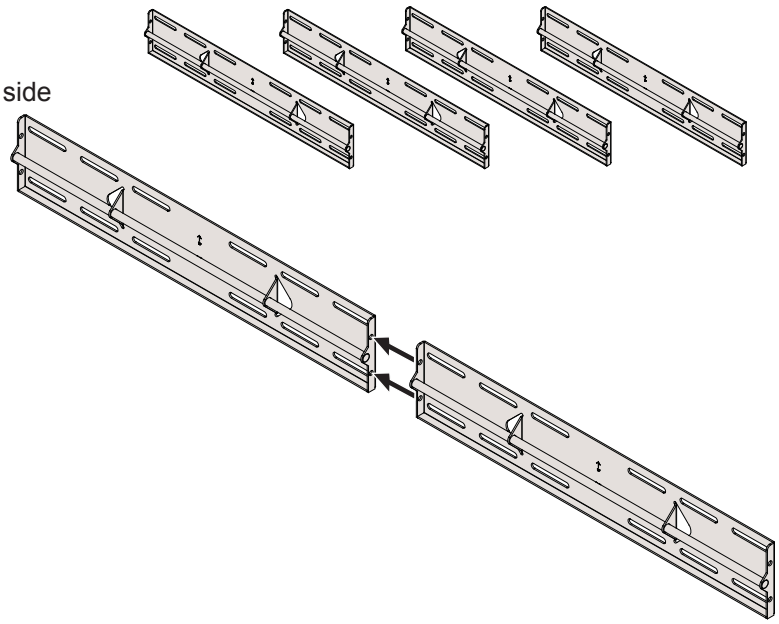
M6 Phillips Head
Screw (Qty 4)



M6 Nyloc Nut
(Qty 4)

Step 2

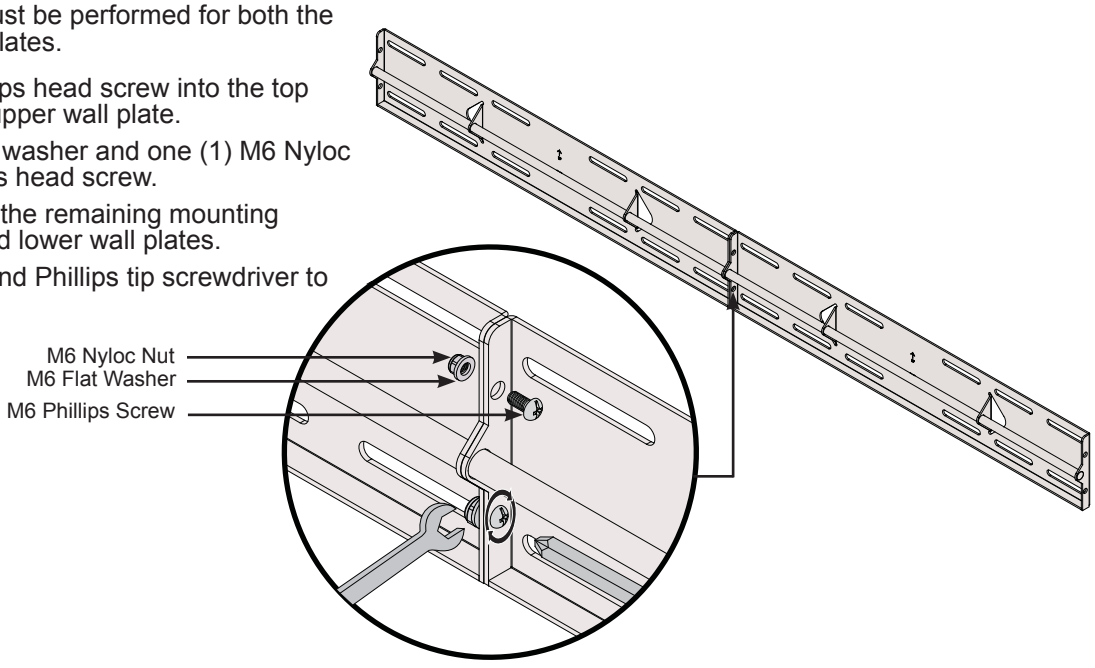
1. Lay the four (4) wall plates on a flat surface.
2. Take two (2) wall plates and align them side by side (see illustration).



Step 3

The following steps must be performed for both the upper and lower wall plates.

1. Insert one (1) M6 Phillips head screw into the top mounting point of the upper wall plate.
2. Thread one (1) M6 flat washer and one (1) M6 Nyloc nut onto the M6 Phillips head screw.
3. Repeat ❶ and ❷ for the remaining mounting points on the upper and lower wall plates.
4. Use a 10mm wrench and Phillips tip screwdriver to tighten all hardware.



Installing the Wall Plate

Step 1

You must secure the wall plates to the wall stud with all sixteen (16) 5⁄16″ x 3″ lag bolts (see Page 4).

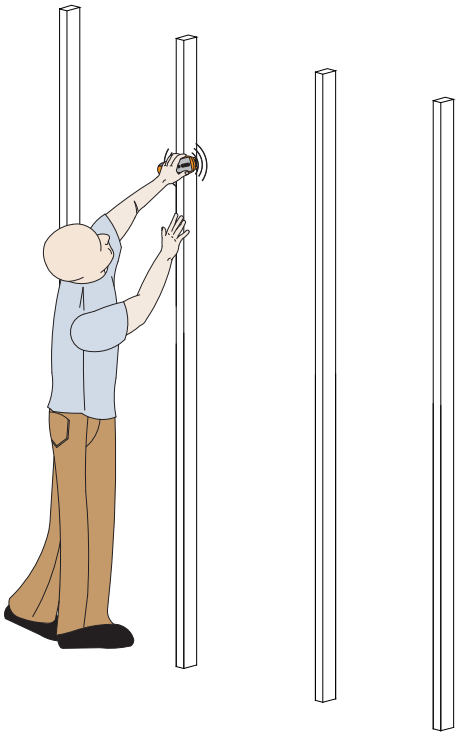
Follow the instructions that come supplied with the electronic stud finder.

❶ Using a commercially available electronic stud finder, place it against the wall and swing it from left to right, while engaging the button.

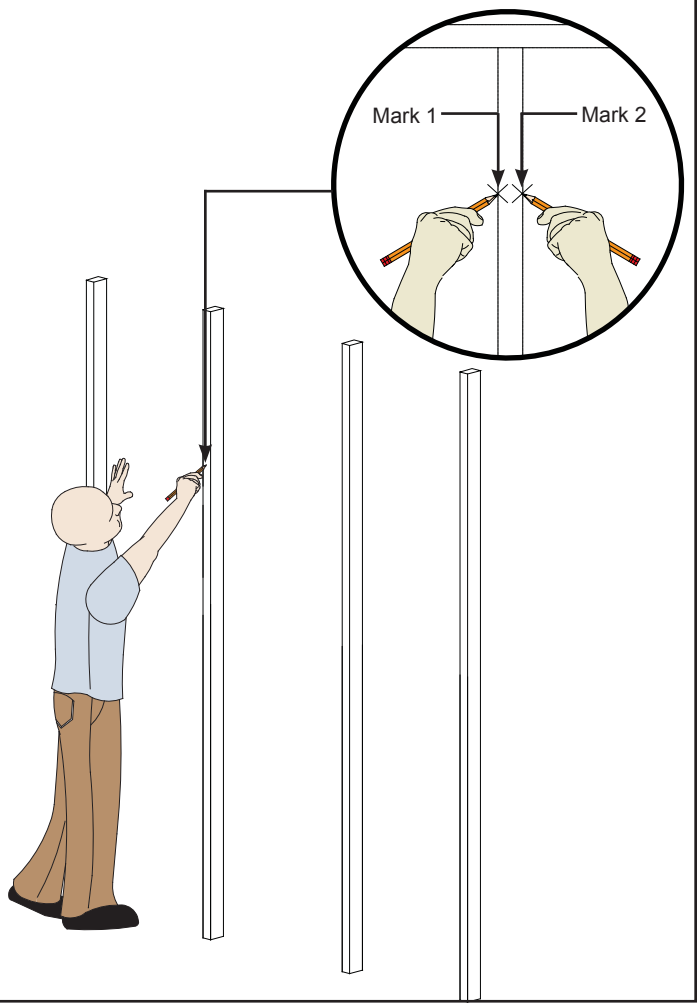
❷ When the edge of the stud is found, use a pencil to mark this location.

❸ Repeat ❶, swinging the studfinder from right to left.

❹ When the edge of the stud is found, use a pencil to mark this location.



❺ Now that the edges of the wall stud have been located, use your tape measure and determine the center point between the two marks. This will be the center of the stud. Mark this point with your pencil.

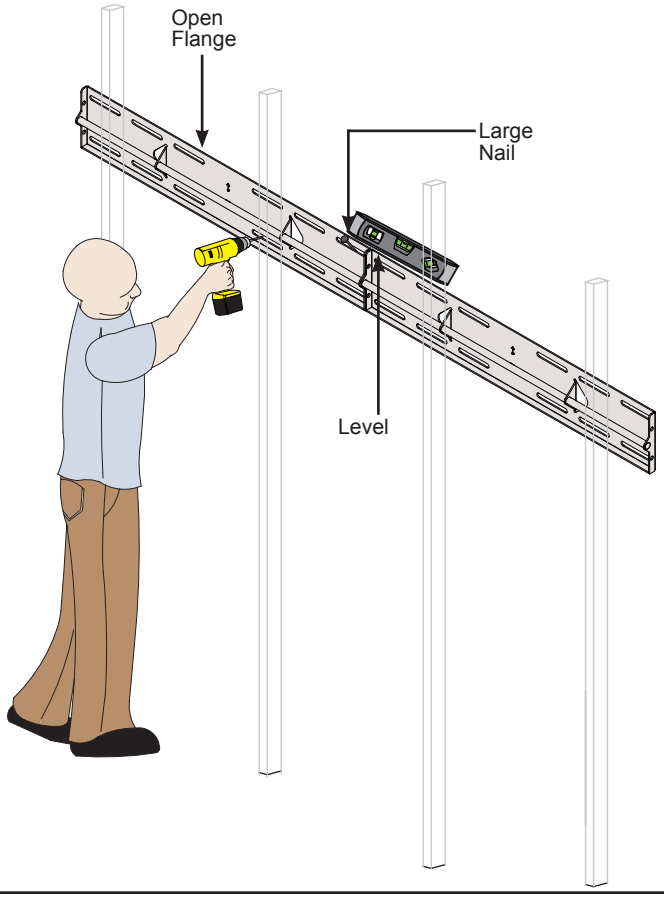


Installing the Wall Plate (cont'd)

Upper Wall Plate Installation

Step 1

1. Use a spirit level to level the upper wall plate. Once the upper wall plate is level, mark the corresponding mounting slots that line up with the studs.
2. Use a commercially available ¼″ pilot drill bit to pre-drill all upper wall plate mounting holes (do not exceed ¼″ maximum drill bit size).



Pro Tip

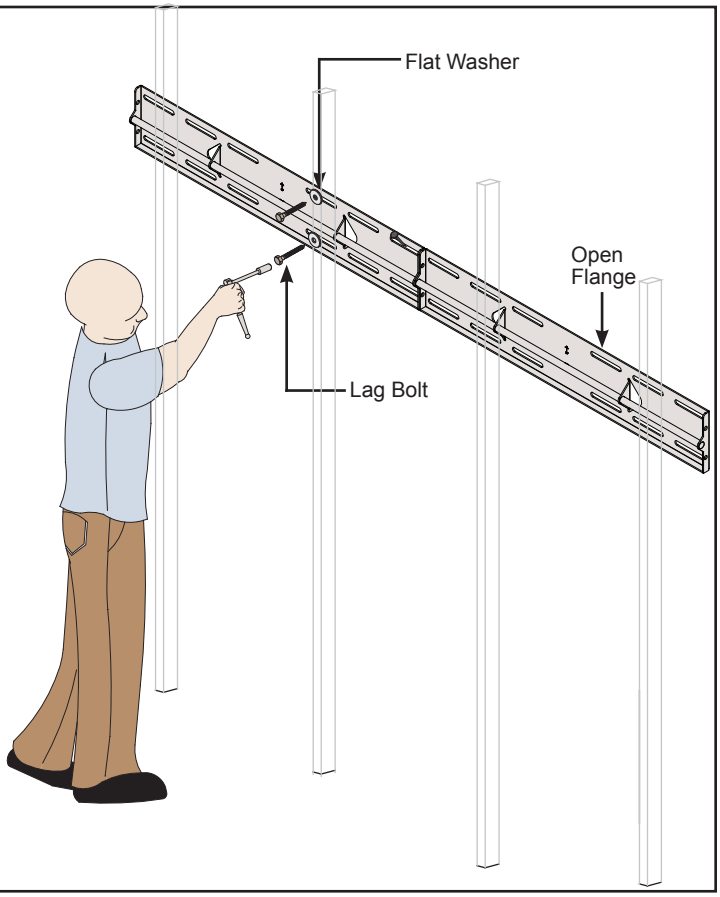
Once the studs have been located, a large nail may be partially driven into the center-most stud. This will allow you to hang the upper wall plate on the wall, level the wall plate and then mark where your mounting holes will be located. Once the wall plate has been mounted and leveled, you may remove the nail.

Step 2

1. Attach the upper mounting plate (make sure the open flange side is pointing up) using eight (8) $\frac{5}{16}$″ x 3″ lag bolts and eight (8) $\frac{5}{16}$″ flat washers.
2. Tighten the mounting hardware using a ½″ socket and wrench.

Tighten all upper wall plate mounting hardware and remove the hanger nail.

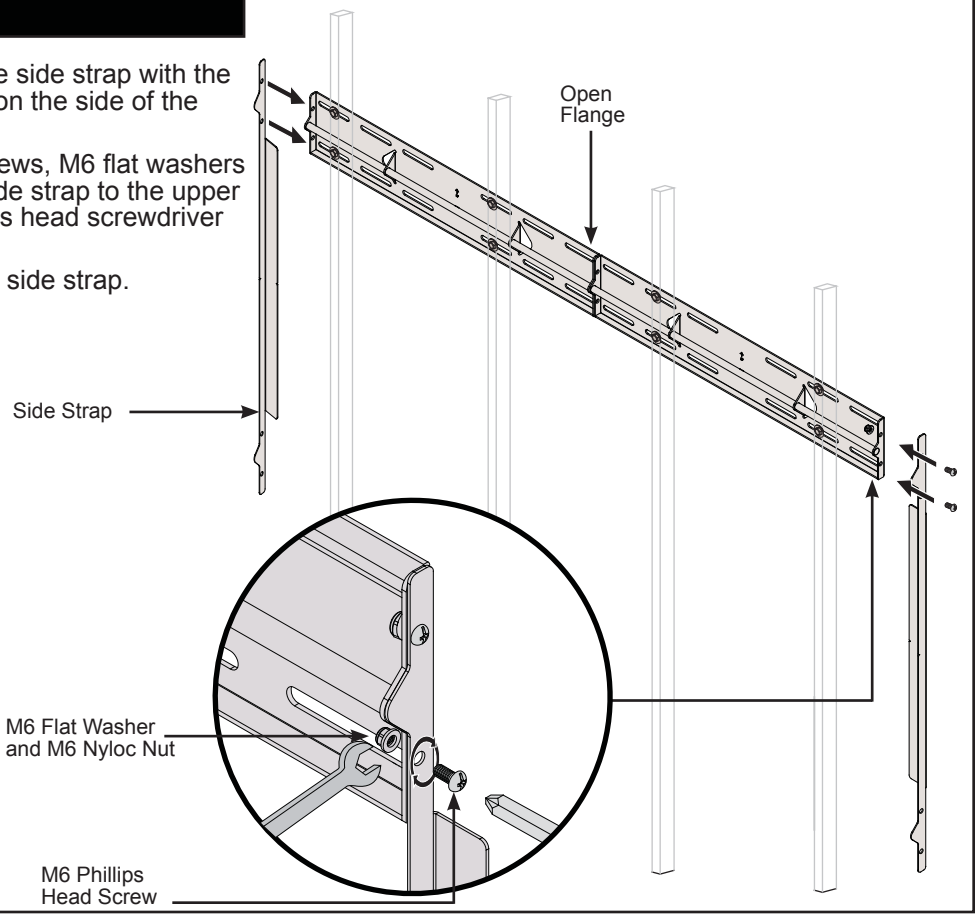
Do NOT overtighten the lag bolts.



Installing the Wall Plate (cont'd)

Side Strap Installation

1. Line up the mounting holes of the side strap with the mounting holes that are located on the side of the upper wall plate.
2. Use two (2) M6 Phillips head screws, M6 flat washers and M6 Nyloc nuts to attach a side strap to the upper wall plate. Tighten using a Phillips head screwdriver and a 10mm wrench.
2. Repeat 1 and 2 for the second side strap.

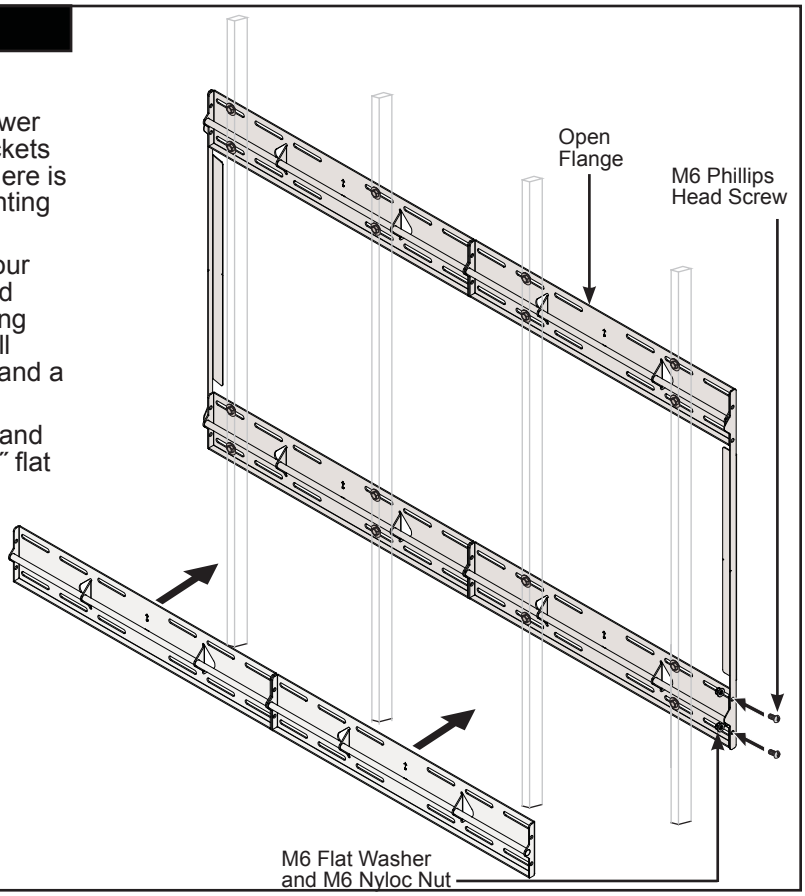


Lower Wall Plate Installation

Step 1

1. After securing the upper side straps, slide the lower wall plate between the lower side mounting brackets (reference arrow pointing up; in the event that there is no arrow, make sure the open flange side is pointing up).
2. While the lower wall plate is held in place, use four (4) M6 Phillips head screws, M6 flat washers and M6 Nyloc nuts (2 each side for the lower mounting points) to attach the side straps to the lower wall plate. Tighten using a Phillips head screwdriver and a 10mm wrench.
3. Repeat the steps for drilling the mounting holes and install eight (8) 5⁄16″ x 3″ lag bolts and eight (8) 5⁄16″ flat washers.

Do NOT overtighten the lag bolts.



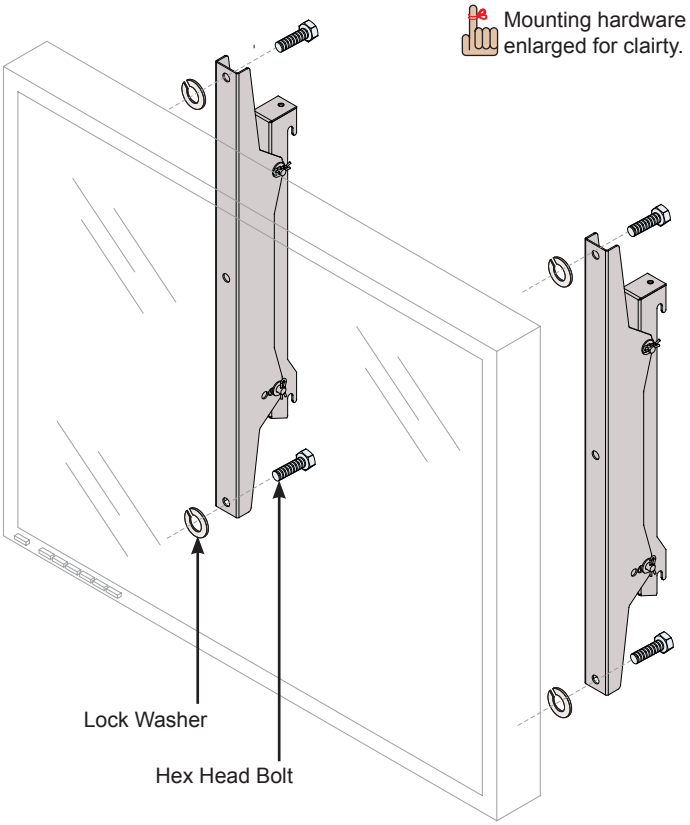
Installing the Mounting Brackets

Step 1

The hex head bolts and lock washers will come preinstalled on the back of the flat panel. The mounting hardware will need to be removed prior to installing the mounting brackets.

1. Lay the flat panel down on a soft flat surface.
2. Remove the preinstalled mounting hardware.
3. Place the lock washers over the mount points of the flat panel.
4. Align the mounting holes of the mounting brackets over the mount points on the flat panel.
5. Insert and tighten the hex head bolts to secure the mounting brackets to the flat panel.

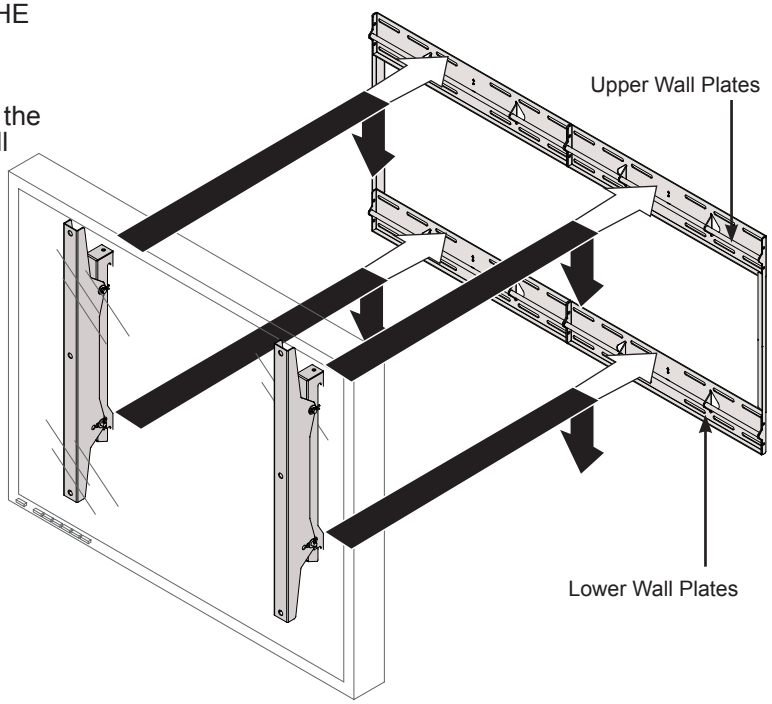
Do NOT overtighten the mounting hardware.



Flat Panel Installation

RAISE THE FLAT PANEL TO THE WALL PLATES FOLLOWING THE LIFTING INSTRUCTIONS PROVIDED BY THE FLAT PANEL MANUFACTURER. USE AN APPROPRIATE LIFTING DEVICE to ASSIST WHEN LIFTING THE FLAT PANEL INTO PLACE.

1. Raise the flat panel with the mounting brackets attached and hang the top and bottom hooks over the mounting rods that are on the upper and lower wall plates.



Lateral Shift Screw Installation

The mounting points for these screws are located on the top and at the bottom of the mounting brackets.

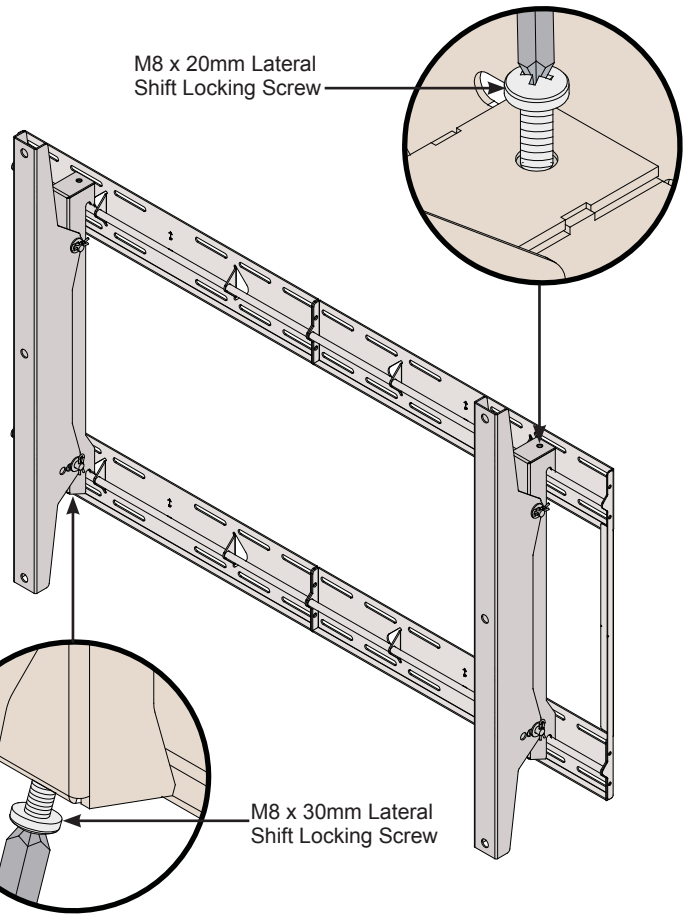
In the event that fine tune adjustments need to be made, the upper lateral shift locking screws also double as leveling screws.

❶ Insert two (2) M8 x 20mm lateral shift locking screws for the upper mounting points.

❷ Insert two (2) M8 x 30mm lateral shift locking screws for the lower mounting points.

These screws will prevent the flat panel from sliding side to side.

❸ Make any lateral adjustments at this time and then tighten the lateral shift screws.



Flat panel not shown for clarity.

Tilt Adjustment

It is recommended that two people perform the following steps so as not to damage the flat panel.

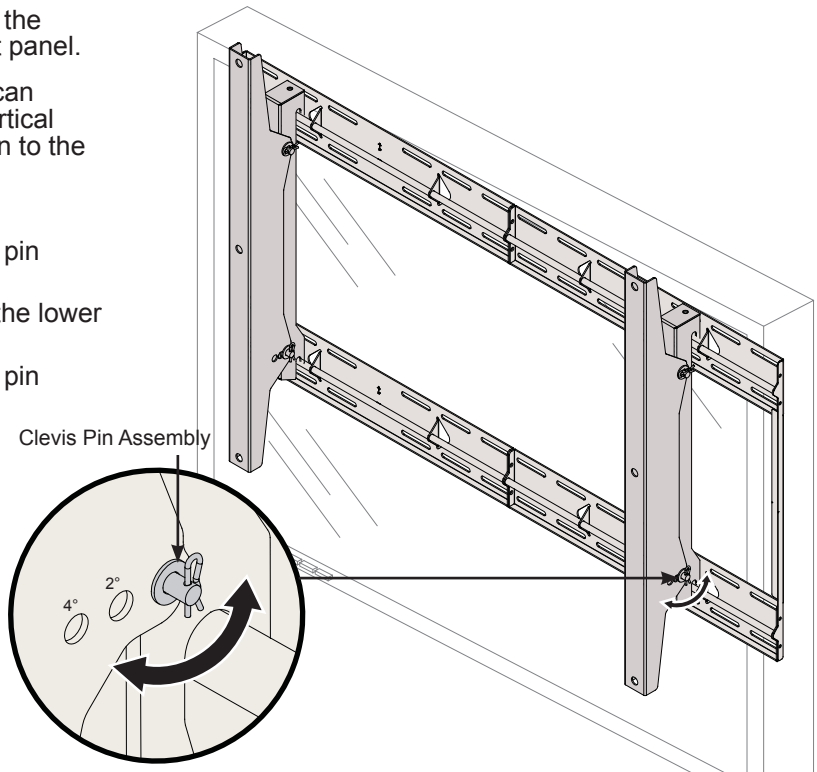
There are three positions that the TWM-085 can be set to: 0° (leaving the flat panel in a full vertical position), 2° and 4°. Please see the illustration to the right for hole setting location.

❶ Remove the clevis pin, flat washer and clevis pin spring clip.

❷ Determine the forward tilt setting by pushing the lower edge of the flat panel towards the wall.

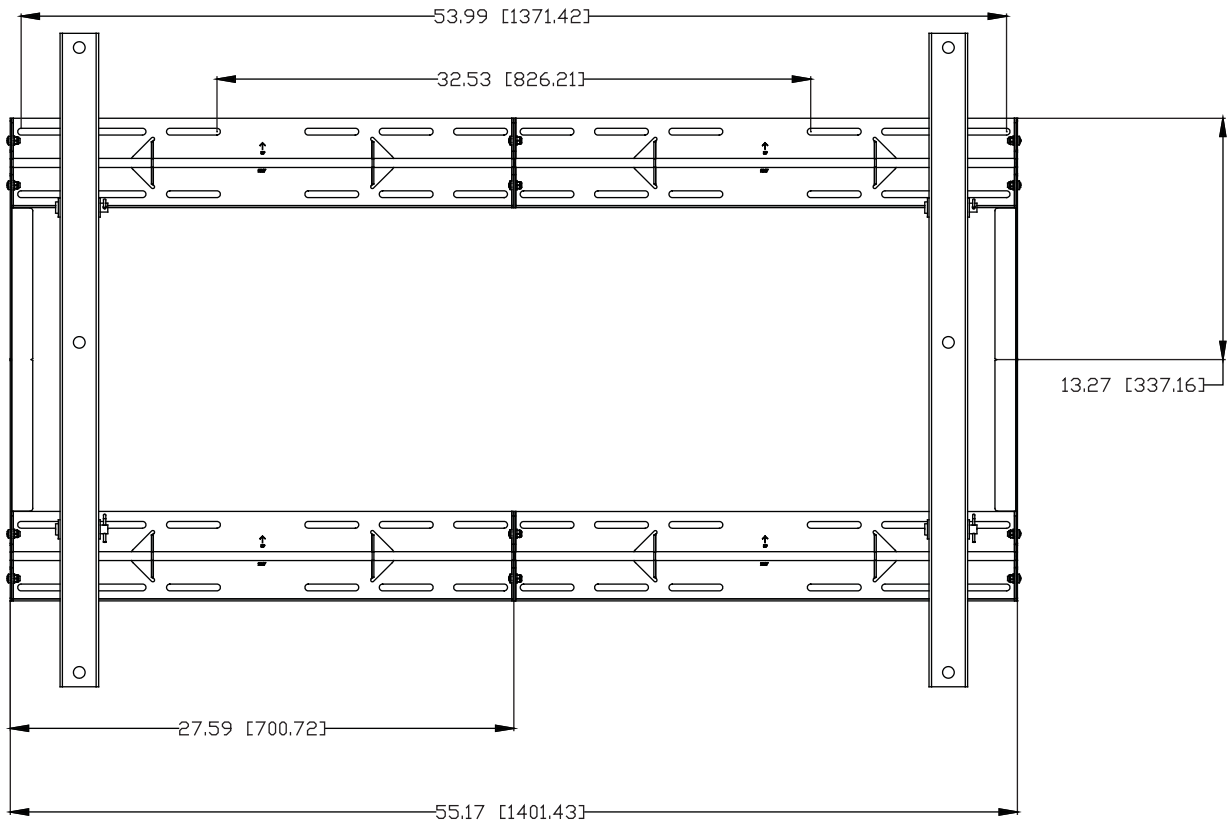
❸ Reinsert the clevis pin, flat washer and clevis pin spring clip.

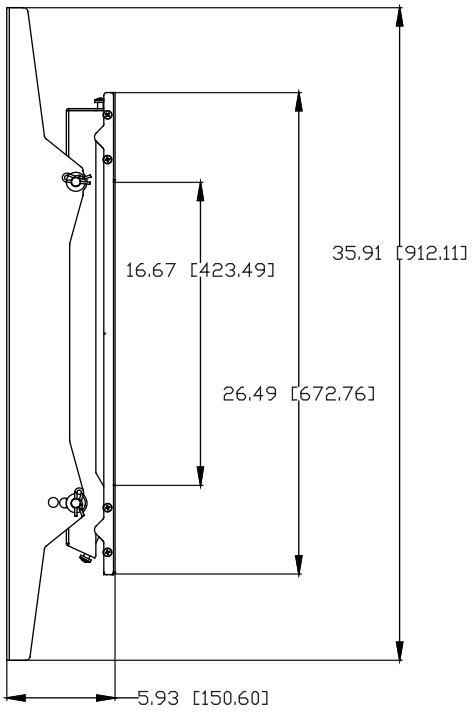
❹ Repeat ❶ through ❸ for the remaining mounting bracket.



Technical Specifications

All measurements are in inches [mm].





Warranty

PREMIER MOUNTS
LIMITED LIFETIME WARRANTY

What and Who is Covered by this Limited Warranty and for How Long
Premier Mounts warrants this product to be free from defects in material and workmanship for the lifetime of the original owner of this product. The limited warranty is valid only for the original purchaser of the product.

What Premier Mounts Will Do
At the sole option of Premier Mounts, Premier Mounts will repair or replace any product or product part that is defective. If Premier Mounts chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any labor costs.

What is Not Covered; Limitations
PREMIER MOUNTS DISCLAIMS ANY LIABILITY FOR DAMAGE TO MOUNTS, ADAPTERS, DISPLAYS, PROJECTORS, OTHER PROPERTY, OR PERSONAL INJURY RESULTING, IN WHOLE OR IN PART, FROM IMPROPER INSTALLATION, MODIFICATION, USE OR MISUSE OF ITS PRODUCTS.

PREMIER MOUNTS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PREMIER MOUNTS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, INABILITY TO USE ITS PRODUCTS OR LABOR COSTS FOR REMOVING AND REPLACING DEFECTIVE PRODUCTS OR PARTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

What Customers Must Do for Limited Warranty Service
If you discover a problem that you think may be covered by the warranty you MUST REPORT it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to Premier Mounts Customer Service at 1-800-368-9700. Warranty claims will not be accepted over the phone or by fax.

Premier Mounts
Attn: Warranty Claim
3130 East Miraloma Ave.
Anaheim, CA 92806

How State Law Applies
THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Disclaimer

Premier Mounts intends to make this manual accurate and complete. However, Premier Mounts makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. Premier Mounts makes no representation of warranty, expressed or implied, regarding the information contained herein. Premier Mounts assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

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